

**WHAT IS CLAIMED IS:**

- 1    1. A method of retrieving information comprising:
  - 2        assigning concept labels to documents contained in a
  - 3        collection;
  - 4        receiving a query;
  - 5        converting the query to a query concept; and
  - 6        mapping the query concept to a concept label.
- 1    2. The method of claim 1 in which assigning comprises

2        parsing the documents automatically with a grammar.
- 3    3. The method of claim 1 in which the concept label

4        represents a general notion.
- 1    4. The method of claim 1 in which the query is a text query

2        received from a user.
- 1    5. The method of claim 1 in which assigning comprises:
  - 2        spidering the collection;
  - 3        matching features contained in each of the documents to a
  - 4        store of concepts; and
  - 5        storing document location indicators for each matched
  - 6        concept.
- 1    6. The method of claim 5 in which the documents are

2        HyperText Markup Language (HTML) files.
- 1    7. The method of claim 6 in which the document location

2        indicators are Universal Resource Identifiers (URLs).
- 1    8. The method of claim 1 in which converting comprises

2        applying a store of grammar rules to the query.

1       9. The method of claim 8 in which the grammar rules map text  
2       to concepts.

1       10. The method of claim 1 further comprises generating a list  
2       of the mapping.

1       11. The method of claim 10 in which the list represents  
2       locations of documents.

1       12. The method of claim 11 in which the locations are  
2       Universal Resource Identifiers (URLs).

1       13. A method of document retrieval comprising:  
2              assigning concept labels to documents contained in a  
3              collection according to grammar rules;  
4              receiving a query;  
5              converting the query to a query concept using the grammar  
6              rules; and  
7              mapping the query concept to a concept label.

1       14. The method of claim 13 in which assigning comprises  
2       parsing the documents automatically with the grammar rules.

3       15. The method of claim 13 in which the query is received  
4       from a user.

1       16. The method of claim 15 further comprising:  
2              generating a list of the mapped query concepts; and  
3              displaying the list to the user on an input/output  
4       device.

1       17. A computer program residing on a computer-readable medium  
2       comprising instructions for causing a processor to:  
3              assign concept labels to documents contained in a  
4       collection;

5 receive a query;  
6 convert the query to a query concept; and  
7 map the query concept to a concept label.

1 18. The computer program of claim 17 further comprising  
2 instructions for causing the processor to:  
3 generate a list of the map.

1 19. A computer program residing on a computer-readable medium  
2 comprising instructions for causing a processor to:  
3 assign concept labels to documents contained in a  
4 collection according to grammar rules;

5 receive a query;  
6 convert the query to a query concept using the grammar  
7 rules; and  
8 map the query concept to a concept label.

1 20. The computer program of claim 19 further comprising  
2 instructions for causing the processor to:

3 generate a list of the mapped query concepts; and  
4 display the list to a user on an input/output device.